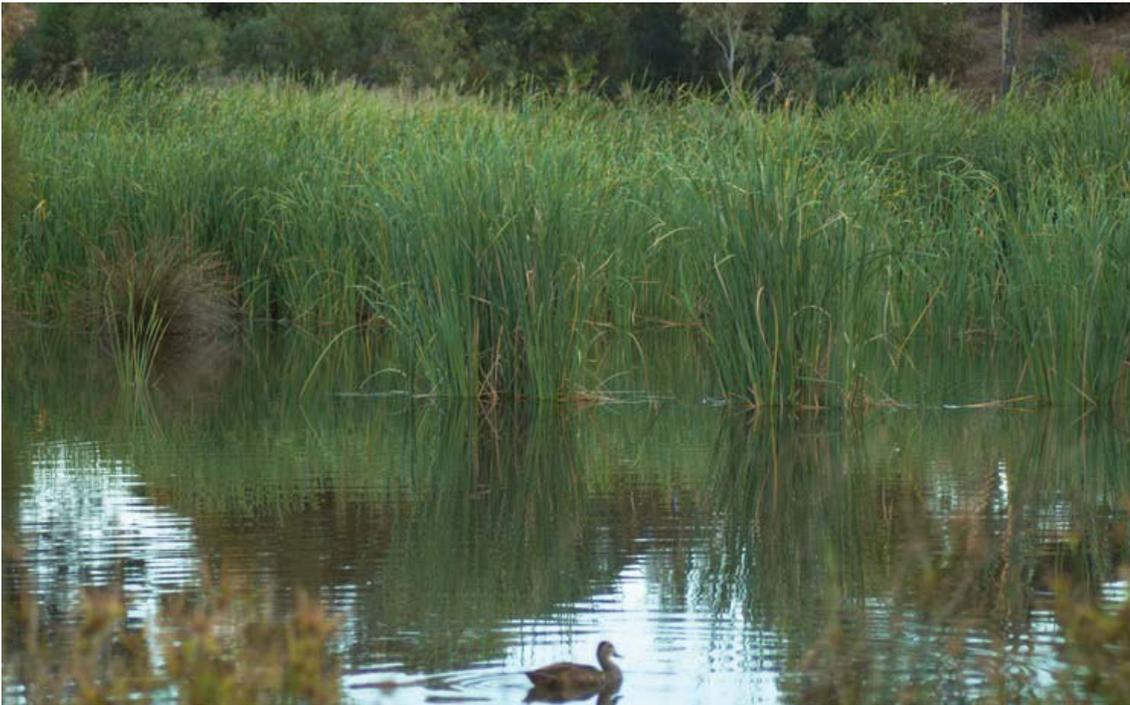


CWA Section 401 Water Quality Certification Program

Division of Water Quality

Annual Report 2007





√ Impacts Summary by Region

√ Annual Trends

√ Discharges by Project Type

The State Water Board Certification and Wetlands Program Annual Report contains summary information for permanent and temporary impacts for five waterbody types, including wetland, streambed, lake, ocean, and riparian. Please direct any questions regarding this report to Catherine Woody at CWoody@waterboards.ca.gov.

Table 1 - Impacts Summary by Region*
2007

| | | Permanent Dredge Impacts | Permanent Fill Impacts | | | | | Compensatory Mitigation for All Types | | |
|--------------|--------------------|--------------------------|------------------------|----------------|-----------------|--------------|-------------|---------------------------------------|-------------------------|-------------------------------|
| Region | Number Of Projects | Thousands of Cubic Yards | Wetland Acres | Riparian Acres | Streambed Acres | Lake Acres | Ocean Acres | Total Permanent Acres | Compensatory Mitigation | Compensation Mitigation Ratio |
| 1 | 74 | 136 | 29.30 | 0.01 | 16.12 | 0.00 | 0.00 | 45.42 | 71.91 | 1.58 |
| 2 | 176 | 391 | 4.32 | 1.32 | 4.49 | 0.01 | 0.32 | 10.46 | 567.58 | 54.26 |
| 3 | 68 | 321 | 7.41 | -0.01 | 5.03 | 0.66 | 0.04 | 13.13 | 14.42 | 1.10 |
| 4 | 64 | 242 | 0.71 | 0.00 | 10.37 | 0.00 | 0.04 | 11.12 | 65.51 | 5.89 |
| 5F | 25 | 1 | 1.32 | 0.16 | 3.16 | 0.00 | 0.00 | 4.64 | 1.24 | 0.27 |
| 5R | 91 | 322 | 14.83 | 5.12 | 7.04 | 2.29 | 0.00 | 29.28 | 45.65 | 1.56 |
| 5S | 202 | 12 | 120.97 | 100.06 | 57.43 | 8.95 | 0.00 | 287.41 | 986.72 | 3.43 |
| 6T | 32 | 96 | 0.33 | 0.00 | 2.26 | 0.02 | 0.00 | 2.62 | 6.13 | 2.34 |
| 6V | 8 | 100 | 0.00 | 0.00 | 2.53 | 0.00 | 0.00 | 2.53 | 1.60 | 0.63 |
| 7 | 17 | 1 | 0.46 | 0.00 | 3.06 | 1.54 | 0.00 | 5.06 | 0.14 | 0.03 |
| 8 | 112 | 36 | 9.25 | 4.27 | 43.65 | 1.00 | 0.05 | 58.22 | 52.07 | 0.89 |
| 9 | 47 | 84 | 3.58 | 1.55 | 3.45 | 0.00 | 0.56 | 9.14 | 60.40 | 6.61 |
| SB | 2 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 918 | 1,742 | 192.48 | 112.47 | 158.59 | 14.47 | 1.01 | 479.03 | 1,873.37 | 3.91 |

* Does not include restoration projects. See Table 3 for restoration impacts.

Table 2 - Annual Trends*
2005 - 2007

| Region | 2007 | | | 2006 | | | 2005 | | |
|--------------|--------------------|---|------------------------------|--------------------|---|------------------------------|--------------------|---|------------------------------|
| | Number Of Projects | Total Permanent Dredge (Thousands of Cubic Yards) | Total Permanent Fill (Acres) | Number Of Projects | Total Permanent Dredge (Thousands of Cubic Yards) | Total Permanent Fill (Acres) | Number Of Projects | Total Permanent Dredge (Thousands of Cubic Yards) | Total Permanent Fill (Acres) |
| 1 | 74 | 135.80 | 45.42 | 122 | 187.40 | 29.26 | 81 | 25.00 | 16.03 |
| 2 | 176 | 390.56 | 10.46 | 181 | 2,458.44 | 33.53 | 200 | 1,789.90 | 38.27 |
| 3 | 68 | 320.91 | 13.13 | 88 | 312.51 | 9.10 | 80 | 620.00 | 7.49 |
| 4 | 64 | 242.20 | 11.12 | 88 | 0.00 | 75.78 | 153 | 0.00 | 68.47 |
| 5F | 25 | 0.59 | 4.64 | 24 | 0.00 | 7.84 | 31 | 0.00 | 15.23 |
| 5R | 91 | 322.18 | 29.28 | 72 | 1.47 | 21.85 | 83 | 1.00 | 28.28 |
| 5S | 202 | 12.00 | 287.41 | 242 | 519.22 | 228.67 | 235 | 852.35 | 152.25 |
| 6T | 32 | 96.18 | 2.62 | 74 | 42.00 | 74.31 | 21 | 2.40 | 2.15 |
| 6V | 8 | 100.00 | 2.53 | 1 | 0.00 | 8.31 | 16 | 0.00 | 54.51 |
| 7 | 17 | 0.95 | 5.06 | 25 | 0.00 | 3.33 | 22 | 0.00 | 113.31 |
| 8 | 112 | 36.45 | 58.22 | 112 | 13.06 | 71.58 | 170 | 222.03 | 71.46 |
| 9 | 47 | 84.25 | 9.14 | 64 | 14.21 | 24.89 | 102 | 0.00 | 32.81 |
| SB | 2 | 0.00 | 0.00 | 1 | 0.00 | 0.00 | 3 | 0.00 | 0.00 |
| Total | 918 | 1,742.07 | 479.03 | 1,094 | 3,548.30 | 588.46 | 1,197 | 3,512.68 | 600.24 |

* Does not include restoration projects. See Table 3 for restoration impacts.

**Table 3 - Discharges by Project Type
2007**

| Project Purpose | No. of Projects | Dredge Volume (Thousands of Cubic Yards)* | Permanent Fill Acres* | Temporary Fill Acres* | Percent of Fill Acres |
|--|------------------------|--|----------------------------------|----------------------------------|----------------------------------|
| Agricultural (AG) | 0 | 0.00 | 0.00 | 0.00 | 0% |
| Beach Enrichment (BEACH) | 2 | 0.00 | 0.00 | 0.00 | 0% |
| Boating Navigation (BOAT) | 44 | 13.33 | 7.58 | 2.76 | 1% |
| Channel Flood Control (CHFC) | 84 | 247.40 | 87.71 | 60.81 | 15% |
| Channel Stabilization (CHSTBL) | 97 | 0.00 | 13.46 | 8.22 | 2% |
| Construction (CONST) | 11 | 0.00 | 0.83 | 1.65 | 0% |
| Dam Construction Repair (DAMS) | 5 | 0.00 | 97.00 | 0.03 | 16% |
| Data Collection (DATA) | 10 | 0.00 | 0.00 | 2.46 | 0% |
| Diversion Structures (DIV) | 12 | 3.60 | 2.02 | 0.45 | 0% |
| Golf Course (GOLF) | 4 | 0.00 | 3.97 | 0.46 | 1% |
| Hydroelectric Facility (HYDRO) | 2 | 0.00 | 0.15 | 0.00 | 0% |
| Gravel Extraction Mining (MINE) | 5 | 134.80 | 2.72 | 18.31 | 0% |
| Mitigation Activities (MITI) | 6 | 0.00 | 5.07 | 11.85 | 1% |
| Discharges Not Otherwise Categorized | 21 | 304.76 | 0.80 | 0.21 | 0% |
| Outfall Structure (OUTF) | 39 | 2.15 | 2.17 | 1.68 | 0% |
| Recreational Facilities (RECR) | 11 | 0.00 | 0.84 | 0.03 | 0% |
| Restoration Activities (REST)** | 85 | 172.40 | 100.19 | 9,669.77 | 17% |
| Transportation - Aeronautics (TRAER) | 1 | 0.00 | 0.15 | 0.00 | 0% |
| Transportation - Bridges Crossings (TRBR) | 83 | 101.81 | 40.50 | 21.58 | 7% |
| Transportation - Roads Highways (TRRD) | 175 | 440.77 | 26.70 | 24.22 | 4% |
| Transportation - Railroads (TRRR) | 4 | 0.00 | 3.05 | 6.23 | 1% |
| Unknown (UNK) | 11 | 0.00 | 0.44 | 0.00 | 0% |
| Urban Development (URBA) | 225 | 242.20 | 139.63 | 16.35 | 23% |
| Utilities (UTIL) | 108 | 80.00 | 64.51 | 73.87 | 11% |

*Dredge and fill acre totals may exceed that shown in Table 1 because some projects may have more than one purpose. (Except for REST; see following note.)

**Restoration Activities includes only those projects whose primary purpose is to restore or enhance beneficial uses fo water.